

Appl. No. 09/749,480
Amendment dated June 24, 2004
Reply to Office action of Mar 24, 2004
Docket No. 6169-141

IBM Docket No. BOC9-1999-0084

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Previously presented) In a computer based system having a touchscreen, a method for distinguishing between finger contact and stylus contact comprising:
detecting contact with said touchscreen;
generating contact information specifying a size of said detected contact with said touchscreen;
comparing said contact information corresponding to said detected contact with contact criteria, said contact criteria specifying a threshold contact size; and,
based on said comparing of said contact information, determining whether said contact was initiated by a finger or a stylus.
2. (Canceled)
3. (Original) The method of claim 1, wherein said determining step comprises:
for said contact information consistent with said contact criteria corresponding to said finger contact, interpreting said detected contact as said finger contact.
4. (Original) The method of claim 1, wherein said determining step comprises:
for said contact information consistent with said contact criteria corresponding to said stylus contact, interpreting said detected contact as said stylus contact.
5. (Original) The method of claim 3, further comprising:
offsetting an on-screen pointer a predetermined distance from said detected contact.

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6. (Original) The method of claim 3, further comprising:
detecting the duration of said contact.
7. (Original) The method of claim 6, further comprising:
detecting the duration between said contact and a second contact.
8. (Original) The method of claim 4, further comprising:
displaying an activated point in said touchscreen beneath said detected contact.
9. (Original) The method of claim 4, further comprising:
converting pointer control information to text.
10. (Previously presented) The method of claim 1, further comprising:
based on said determining step, presenting a visual interface in said touchscreen
corresponding to said finger contact or a visual interface in said touchscreen corresponding to
said stylus contact.
11. (Original) In a computer based system having a touchscreen, a method for
distinguishing between a finger and a stylus comprising:
detecting contact with said touchscreen;
generating contact information for said detected contact with said touchscreen;
comparing said contact information corresponding to said detected contact with contact
criteria;
based on said comparing of said contact information, determining whether said contact
was initiated by a finger or a stylus;
for said contact information consistent with said contact criteria corresponding to said
finger contact, interpreting said detected contact as a finger contact; and, offsetting an on-screen
pointer a predetermined distance from said detected contact; and detecting the duration of said
contact and the duration between said contact and a second contact; and,

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IBM Docket No. BOC9-1999-0084

for said contact information consistent with said contact criteria corresponding to said finger contact, interpreting said detected contact as a stylus contact and displaying an activated point in said touchscreen beneath said detected contact.

12. (Previously presented) A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

detecting contact with a touchscreen;

generating contact information specifying a size of said detected contact with said touchscreen;

comparing said contact information corresponding to said detected contact with contact criteria, said contact criteria specifying a threshold contact size; and,

based on said comparing of said contact information, determining whether said contact was initiated by a finger or a stylus.

13. (Canceled)

14. (Original) The machine readable storage of claim 12, further causing the machine to perform the step of:

for said contact information consistent with said contact criteria corresponding to said finger contact, interpreting said detected contact as a finger contact.

15. (Original) The machine readable storage of claim 12, further causing the machine to perform the step of:

for said contact information consistent with said contact criteria corresponding to said stylus contact, interpreting said detected contact as a stylus contact.

16. (Original) The machine readable storage of claim 14, further causing the machine to perform the step of:

Appl. No. 09/749,480
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IBM Docket No. BOC9-1999-0084

offsetting an on-screen pointer a predetermined distance from said detected contact.

17. (Original) The machine readable storage of claim 14, further causing the machine to perform the step of:

detecting the duration of said contact.

18. (Original) The machine readable storage of claim 17, further causing the machine to perform the step of:

detecting the duration between said contact and a second contact.

19. (Original) The machine readable storage of claim 15, further causing the machine to perform the step of:

displaying an activated point in said touchscreen beneath said detected contact.

20. (Original) The machine readable storage of claim 15, further causing the machine to perform the step of:

converting pointer control information to text.

21. (Previously presented) The machine readable storage of claim 12, further causing the machine to perform the step of:

based on said determining step, presenting a visual interface in said touchscreen corresponding to said finger contact or a visual interface in said touchscreen corresponding to said stylus contact.

22. (Previously presented) The method of claim 1, further comprising performing at least one programmatic action according to said determining step.

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Docket No. 6169-141

IBM Docket No. BOC9-1999-0084

23. (Previously presented) The machine readable storage of claim 12, further causing the machine to perform the step of performing at least one programmatic action according to said determining step.

24. (New) The method of claim 1, wherein the touchscreen is based upon a pressure stimuli, and wherein the detecting step is dependent in part upon an amount of pressure applied to the touchscreen.

25. (New) The machine readable storage of claim 12, wherein the touchscreen is based upon a pressure stimuli, and wherein the detecting step is dependent in part upon an amount of pressure applied to the touchscreen.